

**Appl. No.** : ██████████  
**Filed** : Herewith

IN THE CLAIMS

Kindly cancel claims 7, 8, 9, 10, 11 and 12 without prejudice or disclaimer to the subject matter set forth therein.

Please amend claims 1-6 and 13-16 as follows.

1. (Amended) [Process] A process for the production of glycolipids in transgenic cells and/or organisms, comprising: [the following steps]

  - [transfer] transferring a nucleic acid molecule that codes for a protein having the biological activity of a processive diacylglycerol glycosyltransferase to the cells or organism,
  - [expression of] expressing the protein having a biological activity of a processive diacylglycerol glycosyltransferase under suitable regulatory sequences in the cells or the organism, and
  - [if desired, recovery of the] recovering glycolipids synthesized by the biological activity of a processive diacylglycerol glycosyltransferase from the cells or the organism.

In claim 2, line 1, delete "Process" and insert therefor--The process--.

3. (Amended) [Process] The process according to claim 1 [or 2,] wherein the transgenic cells are selected from the group consisting of plant, yeast [or] and bacteria cells, and the organism is a plant.

4. (Amended) [Process] The process according to [one of the preceding claims] Claim 1,  
wherein the glycolipids are glycosyl diacylglycerols and/or phosphoglycolipids.

5. (Amended) [Process] The according to [one of the preceding claims] Claim 1,  
wherein the glycolipids are selected from the group consisting of  
- monoglycosyldiacylglycerol,  
- diglycosyldiacylglycerol,  
- triglycosyl diacylglycerol,

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- A3  
C1 P1 d  
Sub PA  
cont:*
- tetraglycosyldiacylglycerol,
  - glycosyl ceramide,
  - diglycosyl ceramide,
  - steryl glycoside,
  - steryl diglycoside,
  - glycosyl phosphatidylglycerol, and[/or]
  - diglycosyl phosphatidylglycerol.

6. (Amended) Process according to [one of the preceding claims] claim 1, wherein the glycolipids are selected from the group consisting of

- monoglycosyldiacylglycerol,
- diglycosyldiacylglycerol,
- triglycosyldiacylglycerol,
- tetraglycosyldiacylglycerol,
- glucosyl ceramide,
- diglucosyl ceramide,
- steryl glucoside,
- steryl diglucoside,
- glucosyl phosphatidylglycerol, and[/or]
- diglucosylphosphatidylglycerol.

*A4*  
13. (Amended) A composition of matter comprising tetraglycosyldiacylglycerol.

14. (Amended) A composition of matter comprising glycosylphosphatidylglycerol.

15. (Amended) A composition of matter comprising diglycosylphosphatidylglycerol.

16. (Amended) [Use of the glycolipids produced by a process according to one of the claims 1 to 6 or of a compound] Method of maintaining a food composition in an emulsified state, comprising applying to the food composition a composition according to any one of claims 13 to 15 [in the food industry, as an emulsifier or as a detergent].